

Converting Colors

Hex(CB0200)

Have a look what the booklet for
Hex(CB0200) contains.

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Color

Hex(CB0200)

Conversions

Conversions Part 1

Format	Color
Hex	CB0200
RGB	203, 2, 0
RGB Percent	80%, 1%, 0%
CMY	0.2039, 0.9922, 1.0000
CMYK	0.00, 0.99, 1.00, 0.20
HSL	1°, 100%, 40%
HSV	1°, 100%, 80%
XYZ	24.6503, 12.7399, 1.1598
YIQ	61.8710, 120.4380, 41.9900

Conversions

Conversions Part 2

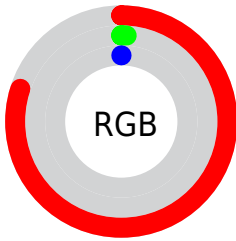
Format	Color
RYB	203, 2, 0
Decimal	13304320
CIELab	42.37, 67.27, 56.63
CIElCh	42, 87.932, 40.092
Yxy	12.7399, 0.6394, 0.3305
Android (android.graphics.Color)	4291494400 (0xFFCB0200)
YUV	61.8710, -30.5024, 123.7701
Hunter-Lab	35.6930, 60.8128, 23.0585

Details

The Hex color **CB0200** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00C9CB**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **FF5534**, and **8A0000** is the 20% darker color. If you saturate the color by 10%, you get **CB0200**, and if you desaturate by 10%, it is **CB1614**.

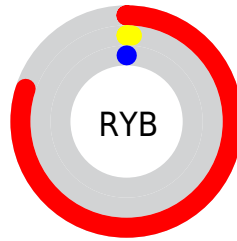
Distribution



Red (80%)

Green (1%)

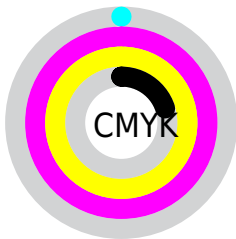
Blue (0%)



Red (80%)

Yellow (1%)

Blue (0%)

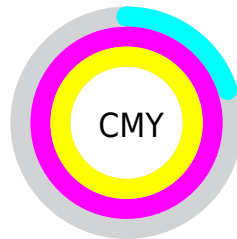


Cyan (0%)

Magenta (99%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB0200 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CB0200 by changing the saturation by 10% instead.

 CB0200

 CB0200

 FFFFEF

 AB0000

 FF5534

 8A0000

 FF734D

 6A0000

 FF9066

 4D0003

 FFAD80

 2E0002

 FFCA9B

 000000

 FFE8B6

 FFFFD2

 CB0200

 CB1614

 CB2A29

 CB3E3D

 CB5251

 CB6766

 CB7B7A

 CB8F8E

 CBA3A2

 CBB7B7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DC0050



CB0200



A14D00

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CB0200



007D2E



0067F7

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CB0200



00C9CB

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007AEF



CB0200



00807C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CB0200



007700



0080C1



7D3FD5

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CB0200



7A6200



0080C1



006FF9

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CB0200



FFB3B3



CB00CB



805252



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CB0200



FF0300



CB6600



665C5C



A60200



260000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



00C9CB



00FCFF



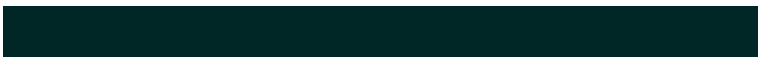
0066CB



5C6666



00A4A6



002626

Previews

White Background



This preview shows how the Hex color CB0200 looks on a white background.

Color Contrast Check

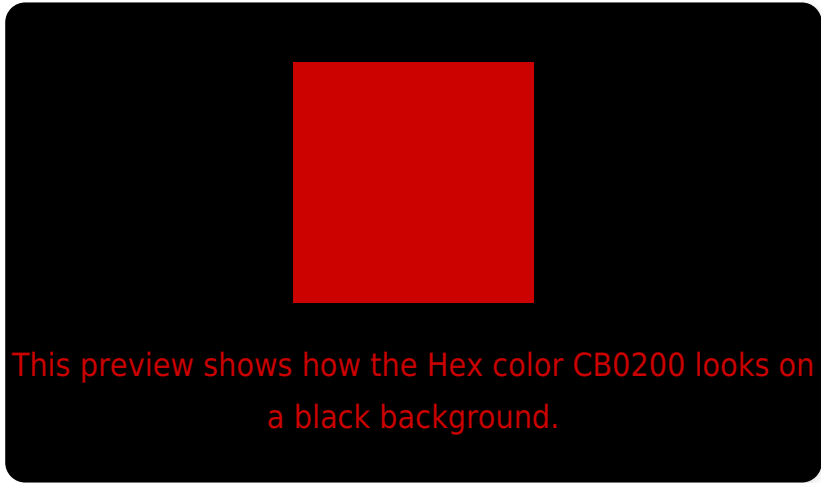
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CB0200 Background



This preview shows how black text looks on a background with the Hex color CB0200.



This preview shows how white text looks on a background with the Hex color CB0200.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
CB0200

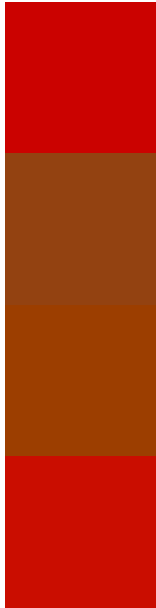
Protanopia
73671A

Deuteranopia
816100



Tritanopia
C91300

Trichromacy



Original Color
CB0200

Protanomaly
934211

Deuteranomaly
9C3E00

Tritanomaly
CA0D00

Monochromacy



Original Color
CB0200

Achromatopsia
3E3E3E

Achromatomaly
712827

CSS Examples

Text

The CSS property to change the color of the text to Hex CB0200 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CB0200 looks like.

```
.text, #text, p{  
    color:#CB0200  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CB0200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB0200
}
```

Border

The CSS property to change the border of an element to Hex CB0200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

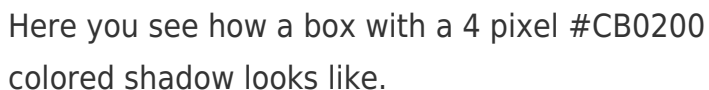
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB0200 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CB0200 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `#CB0200` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB0200; -webkit-box-shadow:4px 4px  
4px 4px #CB0200; box-shadow:4px 4px 4px  
4px #CB0200 }
```

Background

The CSS property to change the background color of an element to Hex CB0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB0200 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CB0200 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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